

Datasheet for ABIN7431809  
**anti-Kallikrein 4 antibody (AA 32-256)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	Kallikrein 4 (KLK4)
Binding Specificity:	AA 32-256
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Kallikrein 4 (KLK4)
Immunogen:	Recombinant Kallikrein 4 (KLK4) corresponding to Ile32~Arg256 (Accession # Q6IE12)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against KLK4. It has been selected for its ability to recognize KLK4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

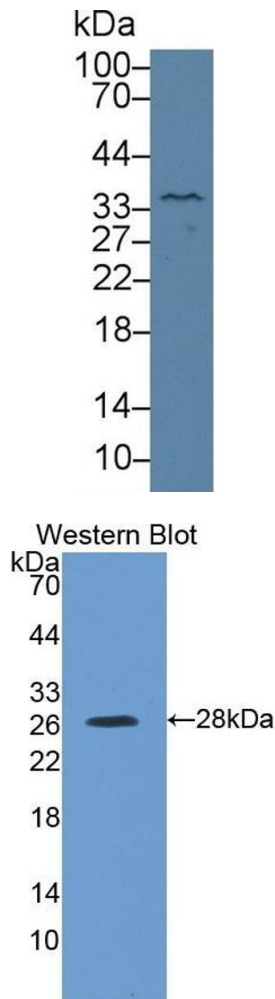
Target:	Kallikrein 4 (KLK4)
Alternative Name:	Kallikrein 4 ( <a href="#">KLK4 Products</a> )
Background:	ARM1, EMSP1, KLK-L1, PRSS17, PSTS, Enamel Matrix, Prostate, Kallikrein-Related Peptidase 4, Enamel matrix serine proteinase 1, Serine protease 17, Kallikrein-like protein 1
Pathways:	<a href="#">Complement System</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

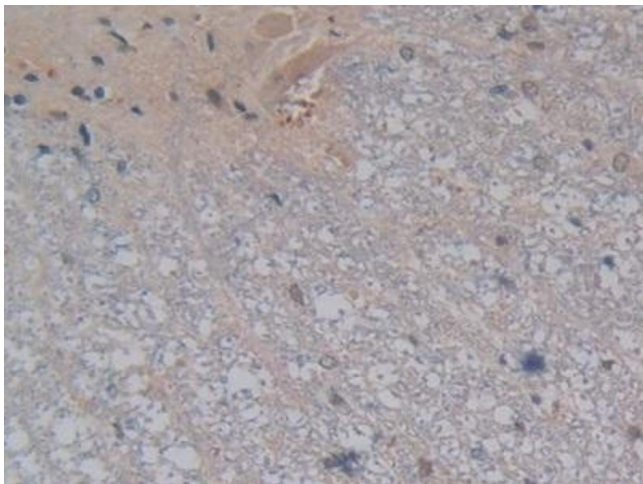
**Image 1.** Detection of KLK4 in Rat Prostate lysate using Polyclonal Antibody to Kallikrein 4 (KLK4)

#### Western Blotting

**Image 2.** Detection of Recombinant KLK4, Rat using Polyclonal Antibody to Kallikrein 4 (KLK4)

#### Immunohistochemistry

**Image 3.** Detection of KLK4 in Rat Spinal cord Tissue using Polyclonal Antibody to Kallikrein 4 (KLK4)



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7431809.